

CITY OF TORRANCE, CALIFORNIA

**ADDENDUM NO. 1
Issued: January 22, 2014**

**TO

REQUEST FOR QUOTATION
OF
GEOTECHNICAL SERVICES
FOR
RESIDENTIAL STREET REHABILITATION, I-94 (Area C)**

Note the following changes and/or additions to the Request for Quotation for the project indicated above. The bidder shall execute the Certification at the end of this addendum, and shall **attach all pages of this addendum to the Contract Documents submitted with the Quotation.**

1. **PAGE 2 OF THE REQUEST FOR QUOTATION IS HEREBY DELETED IN ITS ENTIRETY AND REPLACED WITH PAGE 2(rev) INCLUDED WITH THIS ADDENDUM.**

The following changes have been made and are incorporated into page 2(rev) under the following headings:

Material: SUBGRADE SOILS/MATERIALS

- A. ADDED TEST METHOD: Maximum Density/Optimum Moisture Test ASTM D1557 or CTM 216 - 15 TESTS
- B. CHANGED TEST METHOD: Field Density & Relative Compaction (nuclear gauge) CTM231, ASTM D2933 was changed to Field Density & Relative Compaction (nuclear gauge) CTM231, ASTM D2922

CRUSHED MISCELLANEOUS BASE

- A. CHANGED TEST METHOD: Field Density & Relative Compaction (nuclear gauge) CTM231, ASTM D2933 was changed to Field Density & Relative Compaction (nuclear gauge) CTM231, ASTM D2922

ASPHALT CONCRETE and Asphalt Rubber Hot Mix ARHM

- A. CHANGED SAMPLE SIZE: Binder Content – Ignition Oven, CTM 382 test method was changed from 0.5-gal sample placed in a clean, sealed can to 10-lb sample.

By Order of the City Engineer



**CRAIG BILEZERIAN
CITY ENGINEER**

CERTIFICATION

I acknowledge receipt of the foregoing Addendum No.1 and accept all conditions contained therein.

Bidder

By

Date

******* Submit this executed form with the quotation *******



City of Torrance, Engineering Division Request for Quotation – Not an Order
Return e-mail to Isablan@torranceca.gov or Fax: 310/781-6902 Attn.: Lauren Sablan
Quotation Due By: 1/30/2014
Ref. Req. Residential Street Rehabilitation, I-94 (Area C) –
Geotechnical Services

Request for Quote (RFQ) to provide geotechnical services for the Residential Street Rehabilitation, I-94 (Area C) project with the City of Torrance Public Works Department, Engineering Division.

The City will be constructing the Residential Street Rehabilitation, I-94 (Area C) beginning in March 2014. Construction will be ongoing for 8 months with activity occurring on weekdays. Construction will require various materials testing and observation to ensure construction conforms to the contract documents. The City will be contracting with an engineering firm to provide geotechnical services for the Acceptance Testing (AT) - testing of construction materials and inspection of paving operations to verify that the materials comply with project specifications and special provisions.
(Project information is posted at <http://www.torranceca.gov/23009.htm>.)

The successful vendor will be required to execute the attached agreement with the City for the services and products indicated below. Term: 24 months. (The terms and conditions that will become a part of the purchase order are attached to this RFQ).

List and describe all applicable fees. Fees not listed below will not be authorized for payment on any invoices throughout the term of the purchase agreement/order.

Pursuant to Section 1770 et seq. of California Labor Code, the minimum prevailing rate of per diem wages for each craft, classification, or type of workman needed to execute the Contract shall be those determined by the Director of Industrial Relations of the State of California and is available in the Office of the City Clerk of the City of Torrance. Certified payrolls shall be submitted by the contractor hired for this work.

Vendor must:

Complete the Cost Breakdown on pages 2 and 3

Review the attached contract and submit any proposed alternative language to City's Pro-forma Consulting Services Contract.

Be accessible by cell phone 7 a.m. -7 p.m.



City of Torrance, Engineering Division
Residential Street Rehabilitation, I-94 (Area C) – Geotechnical Services

Proposal - Cost Breakdown

Description						
TEST METHOD	SAMPLE SIZE	SAMPLING/TESTING FREQUENCY	Number of Tests or Hours	Unit of Measure	Cost per Test or Hour (\$)	Cost
Material: SUBGRADE SOILS/MATERIALS						
Maximum Density/Optimum Moisture Test ASTM D1557 or CTM 216	50-lb sample	One sample for every open trench.	15	TEST		
Field Density & Relative Compaction (nuclear gauge) CTM231, ASTM D2922	N/A	Compaction testing for each open trench and at multiple locations no more than 500-feet apart.	35	HRS		
CRUSHED MISCELLANEOUS BASE						
Maximum Density/Optimum Moisture Test ASTM D1557 or CTM 216	50-lb sample	One sample for every 500 to 1,000 tons of material from an individual material supplier.	1	TEST		
R-Value CTM 301	100-lb sample	1/2,000 CY	1	TEST		
Sand Equivalence CTM 217	100-lb sample	1/2,000 CY	1	TEST		
Field Density & Relative Compaction (nuclear gauge) CTM231, ASTM D2922	N/A	Compaction testing for each open trench and at multiple locations no more than 500-feet apart.	35	HRS		
ASPHALT CONCRETE and Asphalt Rubber Hot Mix ARHM						
Stability Test Hveem Maximum Density ASTM D 1560	10-lb sample	1 per day for each asphalt product. Obtain samples during paving.	6	TEST		
Binder Content - Ignition Oven, CTM382	10-lb sample	2 per day for each asphalt type. Obtain samples during paving.	12	TEST		
Extraction, % Asphalt (Reflux) Gradation, CTM 362 ASTM D2172	30-lb sample	2 per day for each asphalt type. Obtain samples during paving.	12	TEST		
Gradation of Extracted Aggregate (including wash) CTM 202, ASTM C117, C136	50-lb sample	Obtain samples during paving. (1 test /500 tons)	12	TEST		
Relative Compaction (nuclear gauge) CTM 375, ASTM D2950	50-lb sample	Obtain samples during paving. (1 test /250 tons)	26	HRS		



City of Torrance, Engineering Division
Residential Street Rehabilitation, I-94 (Area C) – Geotechnical Services
 Proposal - Cost Breakdown: Cont'd

Description	No. of Hours	Unit of Measure	Labor Cost/hr (\$)	Cost
Project Manager (As needed)	24	HRS		
Office Support for Report Preparation	20	HRS		
Batch Plant Inspector	48	HRS		
Overtime Rate - Field Technician with Nuclear Gage (As needed)	12	HRS		
Miscellaneous Testing - This is an Allowance. Hours will be billed on a time/materials basis and at rates listed for respective staff or test in the rate schedule.	1	ALLOW	\$ 5,000	\$ 5,000.00
Travel Time/Vehicle Usage (If used, please submit estimate and the back-up of number of hours)		HRS		
Other Costs (If used, please describe)				

By _____
 (Signature)

Date _____

Printed Name _____

Company _____

Street Address _____

City, State, Zip _____

Telephone (_____) - _____

Cell: (_____) - _____

Sub Total _____

Total _____

Invoice Terms _____ 30 days _____

* City of Torrance Business License # _____
Prior to the award of a Purchase Agreement/Order, you are required to have a City of Torrance Business License if your company is located in the City of Torrance; will physically be working in the City of Torrance; or will be using your own vehicles to deliver to the City of Torrance. For additional information and licensing requirements, please contact the City of Torrance Business License Office at (310) 618-5923.